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5.	Otte, Clifford	V			
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7.	Hahn, Eugene	V			
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11482 Hwy. 42, P.O. Box 204 • Sister Bay, WI 54234 • 414-854-4199

FAX COVER SHEET

TO: Kim For Pep Lott
AT: Deptor Aq, Trade + Con. Pro.
гах#: <u>608-266-7038</u>
FROM: Dale Seaquist
AT: SEAQUIST ORCHARDS
FAX# 414 - 854 - 9722 TELEPHONE 414 - 854 - 4199
THERE WILL BE PAGES INCLUDING THIS COVER SHEET.
SPECIAL INSTRUCTIONS: Please submit to the
Assembly Comittee on Agriculture
Assembly Comittee on Agriculture hearing, Nov 2, 95 - 10:00 AM

CODE OF ETHICS

Keeping members informed of governmental decisions and health issues that affect them as well as lobbying state and federal legislatures regarding elk-related regulations and promoting the industry at trade shows, fairs, livestock symposiums, hosting seminars and convention activities.

<u>Code of Ethics.</u> This code shall serve as a guide to members of the Association in conducting their affairs. The code is not intended to cover all possible undesirable activities and in no way shall restrict the right of the Board of Directors to expel any member "whose conduct is, in the opinion of the Board, prejudicial to the interests of the Association, as provided in the Articles of Incorporation or these By-Laws.

- Members are concerned about the welfare of domesticated and wild elk.
- B. Members abide by all laws of any jurisdiction within which they carry on their activities as elk ranchers and breeders.
- C. Members will provide adequate food, shelter, space, handling facilities, and health care to ensure the well-being of elk in their care.
- D. Members will take precautions as necessary (often beyond the requirements of regulations) to prevent the spread of parasites or disease.
- E. Members will not deliver any elk into the custody of a person who, in the opinion of the member, does not have the facilities, license, or the ability to provide for the elk's needs.
- F. Members offering elk for sale will give an honest description as to the age, health records, and genetic background to the best of their knowledge.
- G. Any knowledge which is gained by members in raising their elk which might benefit the natural wild elk populations will be made available without charge to any government agencies or other organizations which will use the knowledge for the betterment of natural populations.
- H. Any violation of the code by a member may be reported in full detail, in writing to the Ethics Committee that the member did violate this code. The committee will present to the Board of Directors all details and make a recommendation to:
 - Send the violating member a letter of reprimand; or;
 - II. Suspend the violating member for a period of time; or:
 - III. Expel the violating member from the association.

The recommendation will be adopted only after a majority vote by the Board of Directors.

- In the event that the member who is alleged to have violated the code is on the Ethics Committee, or on the Board of Directors, they shall abstain from all meetings, discussions, and votes regarding the alleged violation.
- J. In all cases of an alleged violation, all details of the violation, hearing, recommendation of the Committee, decision of the Board, or a letter of reprimand will be absolutely confidential. The only information released by the Board will be that specified (named) member has been "suspended" or "expelled."

This Code of Ethics has been approved by Resolution of the Board of Directors and becomes effective and enforceable immediately thereafter.

HILLCREST FARMS
N5347 HILLCREST DR.
PLYMOUTH WI. 53073

A BREEDERS ASSOCIATION AND A SSOCIATION AND A STOCK AN



Proud Alberta Bull

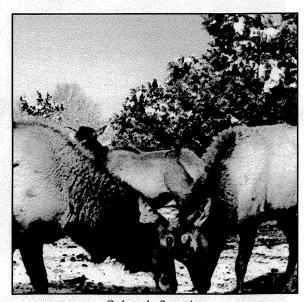
Suites 1104 and 1106 7301 NW Tiffany Springs Road Kansas City, MO 64153 TEL (816) 746-5700 FAX (816) 746-1822

APPLICATION FOR MEMBERSHIP

Referred By:		
Name:		Spouse:
Farm, Ranch, or	Farm, Ranch, or Company Name:	
Address:		
City:		State: Zip:
Phone: (Res)	(Office)	(Fax) (Toll Free)
Number of Elk on Hand:	on Hand:	Number of Other Hoofed Species:
	**MBERSHIP CATEGORY (Check membership desired) \$2,000. Life Member (Full voting rights – must own elk) \$300. Corporate Member (Supporting membership – no voting rights)	Method of Payment (in U.S. funds only) ☐ Check ☐ Visa ☐ Mastercard ☐ American Express Card # Exp.Date Signature
	Active mentional Associate Member – Add \$10 for shipping (Reside outside North America, no voting rights – need not own elk.) Ansociate Member (No voting rights – not open to elk owners) Junion Member (quarterly magazine & other information) (18 years & under)	NORTH AMERICAN ELK BREEDERS ASSOCIATION, INC. 7301 NW Tiffany Springs Road • Suite 1104 • Kansas City, MO 64153 Tel 816-746-5700 • Fax 816-746-1822



South Dakota Cow & Calf



Colorado Sparring



Feeding Time in Ohio

HISTORY OF NAEBA

The North American Elk Breeders Association is a nonprofit association founded to promote and protect the elk farming and ranching industry. The primary goal of the association is to educate its members and the general public about the rewards and opportunities that are available through participation in this industry as a legitimate diversified agricultural pursuit.

The North American Elk Breeders Association was founded in 1990 by a group of 32 elk breeders. In two year's time it has grown to over 700 members located throughout the United States, Canada, Mexico, New Zealand and Australia. NAEBA is recognized by federal authorities as being the voice of the industry and enjoys mutually benefiting association with the Federal Farm Bureau, as well as Allied Industry Status in the United States Animal Health Association.

The North American Elk Breeders Association serves its members in many ways including the maintenance of a purebred elk registry, publication of a quarterly full-color journal that addresses all aspects of the elk industry, publishing newsletters to keep members informed of pertinent situations and issues effecting the elk industry, education of its members in proper management and breeding practices.

History of the Industry

The raising of native species has been the rule throughout the world; with cervids playing a major part. The Chinese have been farming deer for at least 5,000 years. The Romans were active game ranchers throughout their history. Several references are made to game ranching in the Bible. Private game farms are as old as farming itself in Europe.

We in North America have been raising elk on private property since before the turn of the century. The elk now on game farms and ranches have been behind wire for generations. The last 20 years have seen a marked increase in the raising of domestic elk, with tremendous increase in the last five years.

In North America, the farming of native species has been established with various species.

- A variety of freshwater fish (rainbow trout, red fish) are found in the wild and have been farmed for 10's of years by private groups as well as government agencies.
- Several bird species (pheasants, quail, geese, ducks) are also in the wild and farmed by a wide variety of groups.
- Mink and fox have been farmed for their fur for again 10's of years.
- 4. There are approximately 30,000 elk behind wire in North America. Domesticated elk are the same species as in the wild but, because of vastly different behavioral characteristics, they in fact are very different animals. These animals are particularly suited to the North American environment. The North American elk industry in 1992 would be worth approximately \$100 million (including animals, wire, facilities, money spent).

TANKE LIST A

Missouri Handling Facilities

Winter Feeding in Montana

Future of the Industry

The industry is strong — **Elk are the Best Alternative.**The products produced by these magnificent animals have a long and proven demand both domestically and internationally. Agricultural people and investors recognize the short- and long-term benefits of this industry. The raising of elk is not a monopoly business by a few. The larger the supply of the various products the industry has to offer, the greater the awareness will be, and the larger the marketplace will become.



Excellent Missouri Velvet

In North America, the raising of elk will be in a stock-up phase for at least another ten years. The North American Elk Breeders Association is working with farm organizations such as the FFA to demonstrate the tremendous potential of the elk industry. Elk are the livestock of the future. The per-acre rate of return of raising elk on agricultural land far out-performs most traditional agricultural land uses. The continued benefits of very low management levels, high rates of return, long established markets and the intrinsic beauty of the animal insures its future in mainstream agriculture.

Economics

Brood Stock

- · Ten-year minimum stock up
- Single offspring
- Selective breeding to enhance the benefits of the stock will always be in demand

Velvet

- Bulls produce velvet every year. An average twoyear-old will grow approximately 6 lbs. of velvet. Generally, bulls increase velvet yields every year. Mature bulls (7-8 years old) may produce up to 25 lbs.
- Herd average (even distribution from yearling to mature) 11 pounds per head
- The velvet is a commodity which has, in the past 15 years, ranged from \$35 to \$110 per pound
- North America produces a very small part of Oriental market
- There is an expanding demand in North America
- Classic renewable resource

Meat

- Elk meat has long been considered the premier venison
- Fits the needs of the modern consumer
- Lear
- · Low in fat, cholesterol
- · No growth hormones, chemicals
- Ready market (North America imports 150 tons of venison annually)
- · Taste is tremendous

Trophy Animals

Mature bulls with well-developed antiers

Leather

- Soft ,yet very durable
- · Boots, gloves, clothing

Environmentally Sound

- Habitat-enhancing
- Leaves land in forage, pasture, underdeveloped
- Utilizes marginal land

- Don't have to subdivide and sell to developers in populated areas
- Sustainable agriculture
- Learn valuable lessons that can be applied to wild population

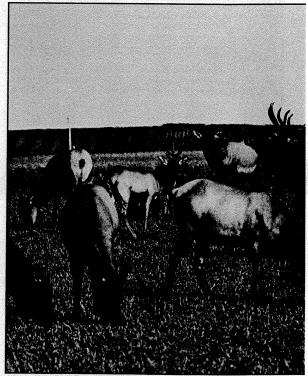
Animal Welfare Concerns

- Pasture run of conditions
- Minimal handling
- No castration of males
- Antler removal is very humane, done under vet care, no injury to the animal
- Antler removal is for the protection of animal and owner

Animal-FACTS

Mature Bulls

Average 800 to 1,100 pounds



Minnesota Herd

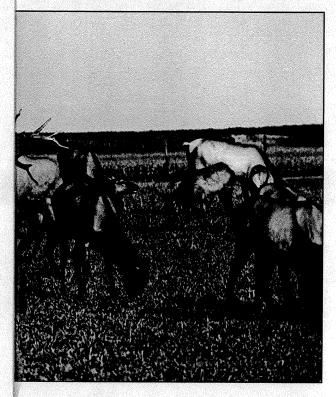
- · Stand 5' 5'6" at the shoulder
- Mature at 6-7 years of age
- Capable of breeding at two years of age
- Number of points are influenced by genetics and feed and are an indication of maturity
- Antlers fall off in March and regrow every year
- When harvested in May or June, mature bull should produce 20 to 30 pounds of Grade A Velvet
- Dresses out at approximately 60% of live weight

Mature Cows

- Average 600 to 700 pounds
- Stand 4' to 5' at the shoulders
- · Do not grow antlers
- Mature at 3-4 years of age
- Most 18-month-old females will cycle if they are 450 pounds or over
- Single offspring twinning is rare
- Very good mothers

Calves

Born in May



- Spend first week of its life in tall grass, usually only getting up to nurse
- The cow remains away during this period. This is natural instinct. The cow knows where the calf is, but does not go near unless the calf is threatened
- Spotted when born. Develops brown coat by six months old

Breeding

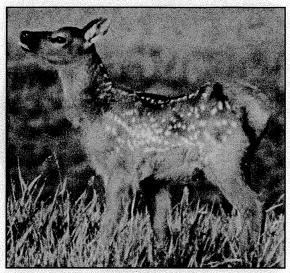
- The rut is from August to October
- The rut is controlled by the day-night cycle
- Breeding bulls should be three years or older for best success
- The bulls will gather their group of females and keep them away from other bulls
- One bull can service 20 to 40 cows
- Bulls compete for dominance through bugling, sparring and chasing would-be competitors away (injuries are rare)
- There is a ritual that bulls and cows must go through before the actual "high mount" of mating occurs
- Cow's gestation is approximately 250 days

Calving

- The cow will start to "walk the fences" prior to calving, looking for a quiet, private place to give birth
- The older the cow, the more she will "look pregnant"
- · All cows will "bag up" before giving birth
- The only problem that can be controlled is to ensure through feeding that the cows are not fat, as this restricts the size of the birth canal and increases the size of the calf
- Although calving problems are rare, farmers can help the cow by pulling the calf, but only after waiting a lengthy period of time to ensure the birth cannot happen naturally
- The cow will immediately accept the calf and clean it off, and the calf will stand to start to nurse

Feeding

- Elk are predominately grazers
- Elk eat most upland grasses (e.g. broom) and legumes (e.g. alfalfa)
- Elk will consume grains (e.g. corn, oats)
- Elk can consume up to 20% of their diet in browse



Recently Born Elk Calf

- Elk are very efficient converters of food
- A rule of thumb for estimating the feed requirements of elk is: three elk cow's feed intake is the same as one beef cow
- The feeding of cows and bulls is slightly different
- It is therefore better to separate cows from bulls after the rut is over

Important

- Feed is the most important part of the management of your elk herd
- · Cow's yearly feeding program:
 - Post-Rut to Calving: Maintenance diet of good quality hay, grain optional
 - Calving to Post-Rut: High-quality feed rich in protein, vitamins, minerals, grain, and hay
 - Bulls: Should be fed very well all year, but especially in the summer. A much higher quality than quantity in the winter than the cows

Weaning

 If possible, weaners should be kept separate and fed extra the first winter

Rules to Remember

- The elk's weight at the end of October is directly proportional to weight at the end of March
- The calorie intake of an elk is twice as much in the summer as it is in the winter

 Farmers can self-feed elk if they slowly bring them up to that consumption level (full ration)

Lesson

 It is recommended that farmers feed elk very well in the summer to achieve the optimum velvet weights and calving percentages

Don't

- · Feed fescue
- Use feeds with urea as a source of protein

Do

- Feed the best possible feed. You will get better results and it costs less because the elk will not waste as much. Elk will pick through poor-quality feed to get the good and waste the rest
- Make sure your ration is well-balanced and has an adequate supply of copper

Handling Facilities

- Check with as many elk breeders as possible and the NAEBA office before you start
- · Elk, like any animal, need to respect the handler
- Make walls a minimum of eight feet and preferable ten feet high
- · Solid, under a roof is recommended
- Use gates and alleyways to move animals

Important

· Plan before you start

Fence

- Minimum of seven feet woven page wire
- Posts maximum 24 feet apart
- Posts 10-12 feet long made of treated wood or steel

Animal Health

- Elk are hardy livestock with natural immunity to most diseases. Although elk can contract normal bovine diseases, they are not prone to do so.
- There have been cases of domestic elk with TB (M. bovis) as with other domestic stock (e.g. cattle). The testing requirements and the tests have been developed to better identify and eliminate M. bovis (TB) in elk
- Parasites (internal or external) are of concern if you tend to over-pasture or keep your animals too closely confined.

- Parasites can be dealt with using the proper drug to treat the particular parasite (contact local vet)
- Observation of your herd is important. The same warning signs exist for elk as any domestic herd animal
 - 1. Animal off by himself
 - 2. Head down, ears back, watery eyes, limping
 - Off their feed, swollen body parts, abscesses, lumps
 - 4. Loss of hair or condition
- All or any of the above may be an indication of a problem
- If you do have a problem, call a vet, an experienced elk rancher or NAEBA Office for Assistance

Transportation

- Elk can be easily moved in enclosed horse trailers
- Best maximum of five to a pen
- Need room; cannot be crowded

Start-up

- Contact local Department of Agriculture for regulations that may affect your elk ranch
- Contact local elk farmers and the NAEBA office for additional information (costs of animals, fence, feed, etc.)
- Purchase your stock and fencing equipment from reputable farmers, sales and dealers
- Set up a recordkeeping system to account for expenses and animal records
- Try to keep the true capital cost of the fence to 10% of total investment in your elk venture
- Plan before you begin

Investment Potential

- Elk is a very attractive investment
- If you have land, can put up the fence and have animal experience
- There are any number of options to explore
 - 1. Private ownership
 - 2. Share farming arrangements between investors and landowners
 - 3. Partnerships
 - 4. Corporate structure

Place Stamp Here

NORTH AMERICAN ELK BREEDERS ASSOCIATION, INC. 7301 NW Tiffany Springs Road · Suite 1104